

# **Information Risk Impact Assessment for Boldi AG**

This presentation covers the information security concerns at Boldi AG. It covers confidentiality, integrity, and availability (CIA) triad and the types of risk assessment, both quantitative and qualitative, that can be carried out for a comprehensive view of the risks. Furthermore, it contains recommendations to address information security concerns.

# **Information Risk Impact Assessment for Boldi AG**

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21/7/2024

# Information Security Concerns

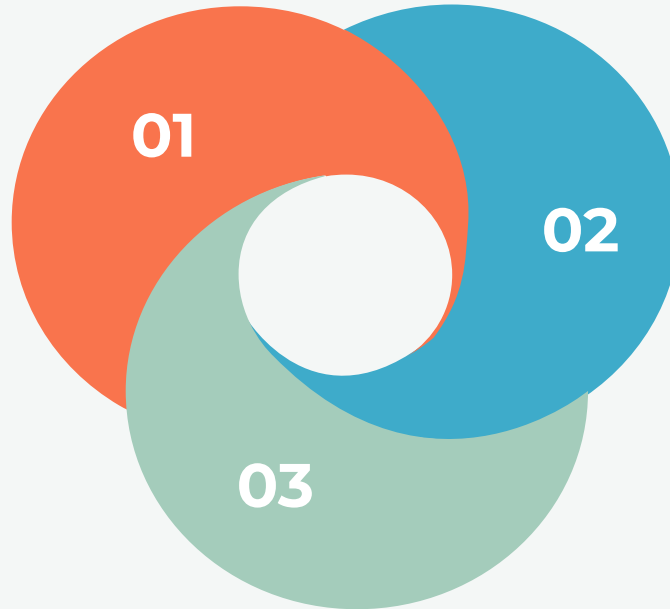
- **Confidentiality:** Lack of access controls means sensitive information could be accessed by unauthorized personnel.
- **Integrity:** Inconsistent formats and hard to-use systems increase the risk of data corruption and errors.
- **Availability:** Paper files and inconsistent cloud systems can lead to delays in accessing critical information.



# CIA Triad

**Confidentiality:** Ensuring that information is accessible only to those authorized to have access.

**Availability:** Ensuring that authorized users have access to information and associated assets when required.



**Integrity:** Maintaining the accuracy and completeness of data.

Risk	Expected Return
Low Risk	Low Expected Return
Medium Risk	Medium Expected Return
High Risk	High Expected Return

- 1. Diversification
- 2. Leverage
- 3. Liquidity
- 4. Marketability
- 5. Size
- 6. Industry
- 7. Management
- 8. Financial Health
- 9. Growth Potential
- 10. Risk Tolerance

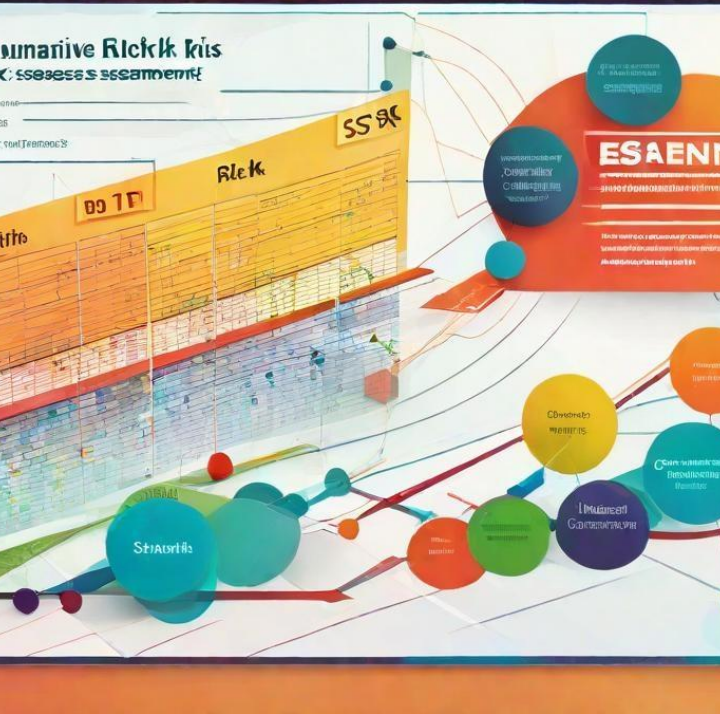
СЕРИЯ

ЛЕССОНА

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ОПОРНЫЙ

1. **Einleitung** (10 Minuten)
  2. **Grundlagen der Informatik** (20 Minuten)
  3. **Algorithmen und Datenstrukturen** (20 Minuten)
  4. **Programmierung in Python** (20 Minuten)
  5. **Verteilte Systeme und Cloud Computing** (20 Minuten)
  6. **Sicherheit und Datenschutz** (20 Minuten)
  7. **Zusammenfassung und Ausblick** (10 Minuten)



- 01 Qualitative Risk Assessment:** Uses descriptive terms to evaluate risks. Relies on expert judgment and scenario analysis.
- 02 Quantitative Risk Assessment:** Uses numerical values and metrics to calculate risk levels. Relies on historical data and statistical methods.

01

**Qualitative Risk Assessment:** Uses descriptive terms to evaluate risks. Relies on expert judgment and scenario analysis.

02

**Quantitative Risk Assessment:** Uses numerical values and metrics to calculate risk levels. Relies on historical data and statistical methods.

# Choosing the Right Assessment Method

- 01** Qualitative Assessment: More adaptable for information security risk assessments where data may be scarce or qualitative insights are needed.
- 02** Quantitative Assessment: Best for situations where data is available and measurable. Requires historical data and statistical tools.







# Conclusion

Boldi AG needs to address information security concerns by implementing access controls and standardizing data formats. A combination of qualitative and quantitative risk assessments can provide a comprehensive view of the risks.